

## Amendment

### In the specification

Please replace the paragraph on page 4, lines 12-20, with the following paragraph.

Figure 2 is a graph of the time and dose dependent release of sulfated glycosaminoglycans from fibroblasts following treatment with *Flavobacterium heparinum* derived Chondroitinase AC. ~~Solid~~ Striped bars represent release after a one hr treatment, and open bars are release after a 2 hr treatment. Data are the cpm/well of  $^{35}\text{S}$ -glycosaminoglycans released by enzyme treatment (cpm enzyme treated cells minus cpm cells treated with medium alone), from a representative of two such experiments performed in triplicate. Mean cpm released by medium alone was  $4,028 \pm 54$ .

Please replace the paragraph on page 5, lines 8-11, with the following paragraph.

Figure 6 is a graph of the collagen content of the extracellular matrix of fibroblasts treated with 0 to 10 IU/ml of *Flavobacterium heparinum* derived chondroitinase B, in the absence (~~cross-hatched~~) (downward slanting stripes) or presence (~~black~~) (upward slanting stripes) of 25 ng/ml TGF-beta.

Please replace the paragraph bridging pages 5-6 with the following paragraph.

Figures 9a and 9b are graphs of the inhibition of the expression of mRNA for procollagen I (Figure 9a) and TGF (Figure 9b) in the lungs of mice treated with Chondroitinase B. Treatment groups indicate the route and substance injected into the trachea/ or peritoneal cavity respectively. ChB is 25 IU of enzyme per injection; BLM is one injection of 0.025 units of bleomycin sulfate; and SAL indicates the injection of equal volumes of saline. Data are expressed as integration units ( $\times 10^3$ ) (Fig. 9A) and as integration units ( $\times 10^5$ ) (Fig. 9B) as

determined by densitometry readings of Northern blot films. Each bar represents the mean  $\pm$  sem of 6 mice. The \* indicates the decrease in mRNA expression was significantly less than that found in mice given BLM/SAL.